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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/621,222
	Filing Date	July 16, 2003
	First Named Inventor	Svein Torleif Vaage
	Art Unit	3662
	Examiner Name	Ian J. Lobo
Total Number of Pages in This Submission	Attorney Docket Number	PGS-02-16US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Svein T. Vaage, *et al.*

Serial No. 10/621,222

Filed: July 16, 2003

Title: **METHOD FOR SEISMIC
EXPLORATION UTILIZING
MOTION SENSOR AND
PRESSURE SENSOR DATA**

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Group Art Unit: 3663

Examiner: Ian J. Lobo

Atty Docket No. PGS-02-16US

Mail Stop Amendment

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E. Eugene Thigpen
E. Eugene Thigpen

Date: July 10, 2006

RESPONSE TO OFFICE ACTION

(A) INTRODUCTORY COMMENTS

This letter is in response to the third Office Action, mailed April 10, 2006, in the patent application identified above.

Claims 1–42 are pending in the present patent application. In this Office Action, all claims 1–42 are rejected under 35 U.S.C. §103(a).

Claims 1, 16, 26, and 33 are amended in this response, while claims 8, 10 – 15, 21, 32, and 38 are canceled. A complete set of claims, including amended claims, are presented below in Section (B) Amendments to the Claims, in compliance with 37 CFR 1.121. These amendments and traversal of the remaining claim rejections in this Office Action are discussed below in Section (C) Remarks.

The sections of this response begin on the following pages:

page 1 (A) Introductory Comments

page 3 (B) Amendments to the Claims

page 9 (C) Remarks